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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

| | | | |
|--|----|------------------------|-----------------------|
| | | Application Number | 09/496,391 |
| | | Filing Date | February 2, 2000 |
| | | First Named Inventor | San Antonio, James D. |
| | | Group Art Unit | 1642 |
| | | Examiner Name | Harris, A. |
| Total Number of Pages in This Submission | 10 | Attorney Docket Number | SAN01-NP001 |

ENCLOSURES (check all that apply)

| | | |
|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers (for an Application) | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input checked="" type="checkbox"/> Amendment / Reply | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter |
| <input checked="" type="checkbox"/> Extension of Time Request | <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Terminal Disclaimer | |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | <input type="checkbox"/> CD, Number of CD(s) _____ | |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |
| Remarks | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|-------------------------------|--------------------|
| Firm or Individual name | Kristie A. Deyerle |
| Signature | |
| Date | June 18, 2002 |

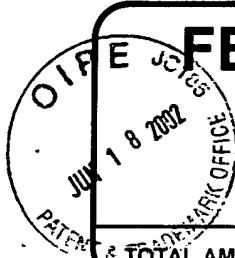
CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

| | | |
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| Typed or printed name | | |
| Signature | | Date |

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

& TOTAL AMOUNT OF PAYMENT

(\$ 980.00)

Complete if Known

| | |
|----------------------|-----------------------|
| Application Number | 09/496,391 |
| Filing Date | 02/02/2000 |
| First Named Inventor | San Antonio, James D. |
| Examiner Name | Harris, A. |
| Group Art Unit | 1642 |
| Attorney Docket No. | SAN01-NP001 |

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number

50-0491

Deposit Account Name

Thomas Jefferson University

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2. Payment Enclosed:

Check Credit card Money Order Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$)

101 740 201 370 Utility filing fee

Fee Paid

106 330 206 165 Design filing fee

107 510 207 255 Plant filing fee

108 740 208 370 Reissue filing fee

214 80 Provisional filing fee

SUBTOTAL (1) (\$ 0.00)

2. EXTRA CLAIM FEES

| | Extra Claims | Fee from below | Fee Paid |
|----------------------------------|--------------|----------------|----------|
| Total Non-Independent Claims (1) | -20** = | X | = \$0.00 |
| Independent Claims (2) | -3** = | X | = \$0.00 |

Large Entity Small Entity

Fee Fee Fee Fee Description

Code (\$) Code (\$) Code (\$) Code (\$)

103 18 201 9 Claims in excess of 20

102 84 202 42 Independent claims in excess of 3

104 280 204 140 Multiple dependent claim, if not paid

** Reissue independent claims over original patent

** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 0.00)

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

| Large Entity | Small Entity | Fee Description | Fee Paid |
|---------------------------|---------------|--|----------|
| Fee Code (\$) | Fee Code (\$) | | |
| 105 130 | 205 65 | Surcharge - late filing fee or oath | |
| 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 130 | 139 130 | Non-English specification | |
| 147 2,520 | 147 2,520 | For filing a request for ex parte reexamination | |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | |
| 115 110 | 215 55 | Extension for reply within first month | |
| 116 400 | 216 200 | Extension for reply within second month | |
| 117 920 | 217 460 | Extension for reply within third month | |
| 118 1,440 | 218 720 | Extension for reply within fourth month | |
| 128 1,960 | 228 980 | Extension for reply within fifth month | 980.00 |
| 119 320 | 219 160 | Notice of Appeal | |
| 120 320 | 220 160 | Filing a brief in support of an appeal | |
| 121 280 | 221 140 | Request for oral hearing | |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | |
| 140 110 | 240 55 | Petition to revive - unavoidable | |
| 141 1,280 | 241 640 | Petition to revive - unintentional | |
| 142 1,280 | 242 640 | Utility issue fee (or reissue) | |
| 143 460 | 243 230 | Design issue fee | |
| 144 620 | 244 310 | Plant issue fee | |
| 122 130 | 122 130 | Petitions to the Commissioner | |
| 123 50 | 123 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 180 | 126 180 | Submission of Information Disclosure Stmt | |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | |
| 146 740 | 246 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 740 | 249 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 740 | 279 370 | Request for Continued Examination (RCE) | |
| 169 900 | 169 900 | Request for expedited examination of a design application | |
| Other fee (specify) _____ | | | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 980.00)

SUBMITTED BY

Complete if applicable

| | | | | | |
|-------------------|--------------------|-----------------------------------|------------|-----------|----------------|
| Name (Print/Type) | Kristie A. Deyerle | Registration No. (Attorney/Agent) | 51,070 | Telephone | (215) 503-0116 |
| Signature | | Date | 06/18/2002 | | |

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Date of Deposit: June 18, 2002

I hereby certify that this paper and/or fee is being deposited with the United States Postal Service, "**EXPRESS MAIL - POST OFFICE TO ADDRESSEE**" service under 37 C.F.R. 1.10, on the date indicated above, and is addressed to Box Responses - Fee, Commissioner of Patents & Trademarks, Washington, D.C., 20231.

Kristie A. Deyerle

(Type or print name of person mailing paper.)

A handwritten signature in black ink that appears to read "Kristie A. Deyerle".

(Signature of person mailing paper)